

Students: Seek active education

LETTER FROM THE EDITOR:

By ANNE K. THORNTON
Editor

If Webster had defined "college student" in his dictionary, he may have chosen between two definitions.

1. College student - passive noun, person in school to get out; sees college as a necessity, because he or she receives a salary to minimum wage; graduation day is the goal; puts emphasis on enjoyment, getting easy "A" and surviving cafeteria food.

2. College student - action noun, person in school to learn; sees university life as a journey, not a destination; strives to grasp every learning opportunity, in and out of classroom; has even discovered that learning can be fun.

Although contradicting, both types of college students exist. Unfortunately, even at BYU, the former defines the latter.

Of course, every student seeks training for a career. Undoubtedly, engineering majors come to BYU to become engineers, P.E. majors study to become engineers and geology majors study to become geologists. The training for these careers is essential, and the university stresses excellence in the major fields.

But, if on graduation day the student has heightened his knowledge and skill in only the major, he or she has wasted and abused

four years of education. The graduate is trained, but not educated. The student should not only seek to be a specialist, but also seek to learn a little about everything. He or she should take time to educate the whole person in all fields and arts.

We should seek to educate the whole person primarily so we won't face a more terrifying monster after graduation - regret. Many former students express regret for not taking time to learn while attending BYU. Even BYU President Jeffrey Holland, although obviously an educated person, expressed similar regret in a recent interview with The Daily Universe.

If he could do it over again, he said he would "devote every waking moment and certainly all the best of those undergraduate years to staying as broadly educated" as he could.

He also cautioned students not to focus too narrowly too soon - to not just get a major and think about a job and want to leave the university as soon as possible.

Everyone begins with good intentions. The eager freshman, bubbling with the advice of parents, teachers and friends, faithfully charts a calendar of forums, lecture series, plays and even plans to attend the classes. He or she is determined to take advantage of every educational opportunity.

But, unfortunately, most students seem to get sidetracked, usually after the second day. It's preferable to take the more-traveled road of the "I just want to grati-

fy" attitude. Marden Clark, professor emeritus in the English Department, discussed this topic at the 1984 Annual University Conference. He has observed that generally the students of BYU are intelligent, mature and "will make good lifelong citizens of both community and Church." However, a large majority are almost "cultural illiterates," he said.

"My young student friends still strike me as well-trained but hardly educated," he told the faculty. "Worse, I can detect little interest in most of them in becoming educated."

What they show to me is the excitement of 'getting through' and the anticipation of going to secure and well-paid jobs, not the excitement of having participated in significant learning or the anticipation of lifelong learning."

So, a student can graduate with the minimum requirements but not be educated. In a 1976 forum address, Associate Academic Vice President Ed Butler said an educated person "is one who by his or her own initiative and discipline is consciously, vigorously, and continually learning."

The campus abounds with learning resources other than textbooks: forums, lecture series, plays, musical recitals and (dare I be said?) general education classes. The general education classes were intended to "educate the whole." However, if E.C. classes are often not met with the same vigor as major classes, students seek the easiest classes and teachers.

Holland has listed what BYU is not: "It's not a young adult conference, it isn't one of those giant pizza parties, it isn't just a football weekend, it isn't just a dating bureau, though we do all of those things and have fun at them."

Rather, Holland said, "This is a university." It's a university, he said, in spite of what your big brother or sister may have told you, BYU is primarily here as an institution of higher learning. We're here to learn. Of course that learning includes football, movies and parties. But is the desire for a deeper level of education sometimes neglected for other activities? Educating the whole - that's the goal.

Yes, learning requires exertion, but if the university experience is viewed as a journey and not just a destination, the peak won't come on graduation day. Rather, a foundation will be set for continual elevation.

You may not always live near a university, nor be as free in time and energy to explore and experiment. Suppose your company transfers you to Kuna, Idaho, or Blanding, Utah, where the main cultural events are high school plays. Set a good foundation now, and you'll be set to enjoy even that.

And remember those who have gone before, who not only specialized in a field, but were also educated. The best "trained" seem to be the best "educated" as well.

Take the challenge. Create a new era of college students; become not only trained, but educated.

MONDAY EDITION

Brigham Young University Provo, Utah Brigham Young University Vol. 38 No. 5 Monday, September 10, 1984

The Breakup: Time will tell what's good or bad about the switch many are hung up over

By CRAIG STEINBERG
Associate Monday Editor

America has lost an old friend - Mother Bell. The breakup of AT&T with its regional Bell Systems companies has brought confusion, frustration, and uncertainty to the millions of people who were comfortable with the Bell System for so many years.

The largest company in the nation, second only to the government in the number of employees, has been split up after 107 years. The result of the breakup is a smaller AT&T and seven independent regional companies.

The breakup, which went into effect Jan. 1, 1984, ended the life of the Bell monopoly that began in 1876 with the words "Watson, come here. I want you." The story follows that Bell summoned his assistant with the first telephone after spilling acid on his pants.

Since those first words, the world has never been the same. Now, because of the divestiture, the telephone industry will never be the same. It is taking off to new companies, different services, higher rates, and more problems. Even the phone bill isn't the same.

Whether the move to split was good, only time will tell.

K.L. Peterson, an ex-manager for Mountain Bell, said he thinks the change was a bad idea. "Ma Bell was a unique public system and should have stayed intact," he said.

"Ma Bell was a unique public system and should have stayed intact."

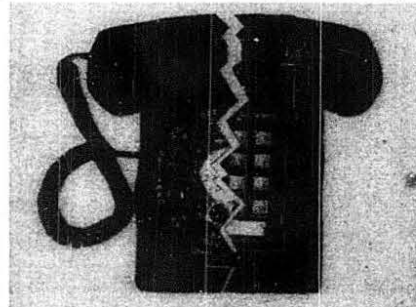
— K.L. Peterson, Mountain Bell

Since the breakup, he said, within the company there has been a "lack of enthusiasm and dedication to the company as a whole."

Whether the future of the telephone industry is good or not, things are happening to the country's telephone service and people need to be aware of those changes.

Bonnie Thomas, manager for Mountain Bell in Provo, said misinformation is circulating, and people don't know where the telephone company is going. After the AT&T breakup, people became confused, she said. "We have sent out information and advertised on television, but people are still misinformed. They don't pay attention."

Thomas said people are constantly calling the company and getting upset when they



find that the company does not provide the same service it once did. "We even get people who have called and said they thought the phone company was fine until AT&T got involved in it."

Probably the hardest thing people will have to get used to because of the divestiture is rising rates for local service. In the past, the regional companies were subsidized from long-distance service, and people only paid a portion of what telephone service actually cost.

Steve Linton, Mountain Bell's Assistant Staff Manager for central and southern Utah, said people have paid only about 50 percent of the actual cost of local service. He said long-distance rates were high to make up the difference in cost.

"Customers should be prepared for price increases. They will eventually be expected to pay the actual cost of local services now that we no longer get the subsidies," he said. He said he expects the rates in Provo to increase from the current \$16 service charge to \$20 within the next two years. Provo was one of the highest areas for phone service but still lower than Salt Lake City. By comparison, "Provo is in rate group eight while Salt Lake is in group 10."

Besides rates being raised, other services have been raised to subsidize local service. Linton said hookup rates have been raised to pay for the loss of money from AT&T.

Businesses are already being billed \$6 a month for "access" and regular customers will probably be charged \$2 starting in Janu-

ary, Capshaw said. Another change that may appear in local service is flat rate service. With the service, the customer would be expected to pay for each call made.

Mike Twitty, Arizona and Utah spokesman for AT&T, said the program is running on an optional basis in Arizona. "I suspect it will become a part of local service throughout on an optional basis," he said.

While local rates are rising, long-distance fares are likely to drop because of the divestiture. Besides AT&T, a number of other long-distance companies are in the market.

The new long-distance companies have been able to offer service at a lower cost than AT&T but don't have the same capabilities. Chad Bauer, manager for a long-distance company in Provo, said that new customers of companies other than AT&T have to use a 13-digit number.

"If you want to use a company other than AT&T to make a long-distance call, you have to use a local access code plus an authorization code," Bauer said. He said that all this will be changed with the Equal Access Provision.

Another thing that will be facing telephone customers is a decreasing term called "access charge," which many people believe gives them access to long-distance calls.

"It doesn't exclusively pay for long-distance service. It helps pay for your local access line," Linton said. The access cost has nothing to do with long-distance capability but rather is a "non-varying cost of having or not having a phone."

Businesses are already being billed \$6 a month for "access" and regular customers will probably be charged \$2 starting in Janu-

"Customers should be prepared for price increases. They will eventually be expected to pay the actual cost of local services now that we no longer get the subsidies."

— Steve Linton, Mountain Bell

The provision, which will be active in November, will allow all long-distance carriers to have access. After the provision is activated, all a customer will have to do, regardless of the long-distance carrier, is dial one plus the area code and then the number.

People will have to decide on a carrier and that line will be connected to their phone. If people don't decide on a company their long-distance calls will still be carried on AT&T's lines.

Bauer said customers will still have to use an authorization code for long-distance calls within the state because Mountain Bell still has the intrastate long-distance business.

Continued on page 2



MONDAY MAILBAG

Policy program

It is interesting that at BYU, the official church university, students have no input in the decision making process that so greatly affects their lives. It is interesting because the church places such heavy emphasis on the principle of free agency. Joseph Smith stated, "I teach the people correct principles and let them govern themselves." The emphasis on this principle seems hypocritical not to allow students of BYU input in the decision making process. Indeed, there is not even a

well-publicized way for students to voice complaints about policies. It is tragic that the administration is so far removed from the people it supposedly serves.

The problem could be resolved through the creation of a new official student government. This office would make student government and the students it serves partners with administration in the decision making process. The office would serve the following functions: 1) Inform students of possible unauthorized changes in BYU policies and 2) present the concerns, complaints and suggestions of students to the administration.

Representatives of the new office would meet regularly with a representative of BYU administration. At this procedure, the administration would inform the members of the office of possible changes in policy. The office would then inform the students of these possible changes through The Daily Universe, posters and flyers, letters and questionnaires or student polls. The office would

then inform the administration of overall student reaction and student suggestions. The administration could then make a better final decision based on this knowledge.

Through the office, students could voice frustration and complaints about current policies. The office would record and file these complaints. If a number of complaints are filed concerning the same policy, the office would then send out questionnaires or take student polls on the matter. If through these methods it becomes apparent that the concern is shared by a large percentage of students or a particular group or class of students (e.g., students in the sciences), the office would then report the problem to administration for consideration. Though this procedure would not necessarily force the administration to change BYU policy, it would make them aware that a problem did exist, and steps could be taken to solve the problem. When students and administration can work together in the decision making process, enforcement of the policies will be

less of a problem. It is time that administration start treating students as responsible adults and not as infants that need constant supervision.

Jimmy B. Ellis
Plainsboro, Utah
Junior in psychology

Only those editorials labeled "Inverse Opinion" reflect the formal position of this paper, its management and editors. Such opinions, however, do not necessarily represent the official view of the university administration. All other editorial material, including editorial cartoons, represent the opinions of the respective authors.

Letters to the editor should be typed and no longer than one double-spaced page. Letters must be taken to a staff office, address, and a phone number. Letters failing to meet these requirements will not be printed.

Cougars pound on Bears Saturday

The Cougars continued to surprise just about everyone Saturday, crushing the Baylor Bears 47-13.



Hi-tech phone cables will soon reach Provo

Fiber optic cables, on which thousands of voices can be carried over one strand, will soon be installed in Provo.



NEWS DIGEST

Idaho man kills wife, kids, then himself

OAKLEY, Idaho (UPI)—A man shot and killed his estranged wife and two young children in a southern Idaho early Sunday before committing suicide with the pistol, police said.

Cassia County Sheriff's officers said the dead man, Juan Guerra, 35, also shot and seriously wounded two men who were partying in the foothills with the woman.

Deputy Don Taylor said the dead included the gunman, his ex-wife, who was in her 20s, and their 11-year-old daughter and 21-month-old son.

The woman and children were not identified.

Taylor identified the injured men as Levi Ecklund and Bill Gee, both in their 20s.

All the victims were partying in the foothills outside of Burley when the gunman arrived and shot both men. He then allegedly shot the woman once in the arm with a .357-caliber pistol.

Convicted murderer executed in Louisiana

ANGOLA, La. (UPI)—Timothy Baldwin, convicted of beating an 85-year-old blind woman to death, counted down the hours Sunday to becoming the fourth killer executed in the Louisiana's electric chair in less than nine months.

The U.S. Supreme Court considered a last-minute appeal to block the electrocution of Baldwin, 46, a father of seven who once was a Cub Scout leader.

The electrocution, set for shortly after 1:01 a.m. EDT Monday, would be the nation's 23rd execution since the death penalty was reinstated by the Supreme Court in 1976 and make Louisiana the second most active state in carrying out death sentences.

Florida, which executed a convicted killer Friday, has imposed the death penalty eight times.

Long-distance rates predicted to decrease

Continued from page 1

It will be a while before Provo will get the service, he said. "The first one starts in November and will first be in Salt Lake City. It will probably be 18 months to two years before we get it here."

Bauer said the provision will expand the potential clientele. For some of the smaller long-distance companies the provision will not help them because they do not have the technological capabilities for equal access, he said.

Asked if he thought the provision will hurt his company's business, Mike Twitty of AT&T said he welcomes the change.

"The other companies will have to pay for the service and that means they will have to raise their prices. It will be good for us."

He said it is a step to making AT&T equal to the other companies. "We look forward to being equal to them."

He said it is unfair to regulate AT&T while the other companies are somewhat free of government intervention. "If you decided to open a hamburger stand you wouldn't ask the government to regulate the already established companies like McDonald's or Burger King."

Besides rising rates, another change people need to adjust to is obtaining equipment. Customers of Mountain Bell can no longer acquire phone equipment with the company.

"One of the most significant things (as a result of the divestiture) is that we no longer provide terminal equipment, said Linton of Mountain Bell. Americans have been comfortable getting their equipment at the phone company. Now they have a variety of companies that sell all types of phones at all sorts of prices."

Alcohol was the most commonly used drug among the 5,324 students surveyed under the auspices of the Utah division of Alcoholism and Drugs, the Utah Office of Education and Brigham Young University's Family and Demographic Research Institute.

2 Iranian hijackers win political asylum in Iraq

Two Iranians freed from an Iran Air jet with 71 people aboard to Iraq Sunday, then freed their hostages and won political asylum to end a two-day, 2,600-mile odyssey, Iraqi officials said. It was the second such incident in 11 days.

The official Iraqi News Agency, INA, said two Iranian men and the wife and two daughters of one of them were taken to Baghdad and looked into a hotel with the other 66 passengers and crew from the Boeing 727.

It was not immediately known when the passengers would return to Iran, Iraq, as it did with 204 passengers released in an Aug. 29 hijacking, offered them tours of Mekeel holy sites.

The surrender brought a peaceful end to the hijacking that began Saturday in southeastern Iran as the plane, with 126 people aboard, was en route from the Iranian port of Bandar Abbas to Tehran.

Two gunmen took the plane on a 2,600-mile journey from Bahrain to Cairo — where 52 passengers escaped — and then to Iraq, which has been at war with Iran for nearly four years.

The gunmen said they commandeered the plane to escape their homeland. There were reports one crew member was shot, but the hijackers said one was injured.

Monte Carlo radio said a passenger gave birth during the flight from Cairo, but that was not independently verified.

The Bahrain-based Gulf News Agency said Iraq granted asylum to the two hijackers and the family.

100 may be exposed to plague by N.M. girl

ALBUQUERQUE, N.M. (UPI)—State health officials are trying to locate as many as 100 people who may have been exposed to plague by contact with a 12-year-old girl who contracted an infectious form of the disease.

Dr. Harry Hull, the state epidemiologist, said no other cases had been reported and the actual chances of catching plague from the girl were slim, but he said officials wanted to be sure the disease did not spread.

Asked how many others could have been exposed, Hull said: "I'd say at least 100, but that's just a rough estimate."

State and city health officials were trying to find the source of the disease.

Gas prices pumped up by cut in production

LOS ANGELES (UPI)—The average price of gasoline nationwide has increased about a quarter of a cent in the past two weeks, reflecting more stable worldwide oil prices, an industry analyst said Sunday.

Dan Lundberg's bi-weekly survey of dealerships in the 50 states showed the average overall price of gas at the pumps was \$1.18.2 per gallon, up 0.27 of a cent since the last survey.

Regular unleaded gasoline at self-service pumps averaged \$1.06.3 a gallon, up 0.36 of a cent. Regular unleaded was \$1.14.1, up 0.34, and premium unleaded was \$1.27.3, up 0.2 of a cent.

At full-service pumps, regular unleaded was \$1.27.6, up 0.04, regular unleaded was \$1.34.4, up 0.19.

Prices started falling in May and continued to decline through the heavy summer driving season, Lundberg said.

"So prices for crude oil have strengthened and that means those higher crude prices will work their way through to the pump."

Former Miss America sues photographer

WHITE PLAINS, N.Y. (UPI)—Former Miss America Vanessa Williams has sued the man who photographed her in sexually explicit poses and then sold the pictures to Penthouse magazine.

Helene Freeman of the New York City law firm Parham and Herbert said Friday the papers were filed Thursday in the state supreme court against photographer Tom Chappel.

Another of Williams' lawyers, Dennis Dowdell, said the action was designed to prevent publication of additional pictures of Williams. Penthouse has plans to publish more Chappel photos of Williams in its November issue.

"Academy" ARTS

Affordable Oil Paintings

- Oil, Water, Etchings, Ceramics, Etc.
- Utah artists and more
- Art classes available
- Custom Art Work

Come and have your portrait done!
Brown chalk and pencil only \$5.00!

550 N. Univ. Ave., Provo, Pk. 375-7846

Bangerter leading Owens by 12 points in latest poll

SALT LAKE CITY (UPI)—The latest published poll on Utah's gubernatorial race shows Republican Norm Bangerter leading Democrat Wayne Owens by 12 percentage points.

The KSL-Deseret News Poll, conducted by Dan Jones and Associates and published Sunday, shows that 51 percent of the 900 Utahns surveyed would vote for Bangerter and 39 percent would vote for Owens. Ten percent were undecided.

Spokesmen for both campaigns said they are happy with the results.

Bangerter Campaign Manager Doug Foxley said his candidate is used to being the underdog, so it is nice to be ahead. Tony Tanaka, of the Owens Campaign, said the results show Owens is within striking distance.

Tanaka called the results "very, very encouraging, much better than we'd anticipated." Many political observers figured Bangerter as a 15- to 20-point favorite.

THE UNIVERSE

The Universe is an official publication of Brigham Young University and is published as a cooperative enterprise of students and faculty. It is produced as a labor-saving device in the Department of Communications, under the direction of an executive editor and with the counsel of a university-wide advisory committee.

The Daily Universe is published Monday through Friday during fall and winter semesters except during vacation and examination periods. The Universe is published Tuesdays, Wednesdays, and Thursdays during spring and summer terms.

Options expressed in The Universe do not necessarily reflect the views of the student body, faculty, university administration, or board of trustees of The Church of Jesus Christ of Latter-day Saints.

Subscription rates: \$25 per year.

Office: 325 Ernest L. Wilkinson Center, Printer: Brigham Young University Press Printing Services.

Editor: Anne Thompson; Deputy Editor: Jeff Bagley; Managing Editor: Kate Schaberg; Art Director: Brian Andrus; News Editor: Shannon Hall; Web Editor: Steve

Carl Bauer; Asst. Campus Editor: Joyce Pennington; Sports Editor: Scott Platter; Book Editor: Tony Starnap; Lifestyle Editor: Mary Alice Salmon; Asst. Lifestyle Editor: David L. Davis; Student Editor: Bud J. Davis; Night Editor: Mark Carpenter; Web Editor: Kristi

Stewart; Photo Editor: George Frey; Asst. Photo Editor: David Lind; Dave Soderstrom; Senior Reporter: Joseph Uhar; Jean Eglin; Laura Childers; Teaching Assistant: Susan Harris; Monday Edition Editor: Barbara Mamm; Asst. Monday Edition Editor: Craig Steinhilber; Managing Editor and Receptionist: Wendy Blaser; Afternoon Asst. Editor and Receptionist: Connie Roberts; Unstaffed Editor: Dana Barry.

Students — Have Your Own Private Telephone Number For Only \$17.50 Per Month.

- Answer calls with a personal greeting to friends, relatives, or business associates
- Retrieve your messages anytime, anywhere, from any touch-tone phone.
- Our service answers your calls and records messages 24 hours a day.
- Nominal one-time set-up fee of \$15.
- No deposits, no installation charges, no delays.

Why be responsible and pay for a phone number that ties you to one location. Sign up today for your personal, private EMC phone number and begin receiving calls immediately.

Call Electronic Message Center 226-1002



A Flea Market of Ideas

TUESDAY

12:00 PM
"INCONGRUITIES: A MEANS BY WHICH TO ACTIVELY STIMULATE THE MIND"

1:00 PM
"ARCHITECTURE AND THE HUMAN EGO"

2:00 PM
"HOW CORPORATE ADVERTISING MESSAGES GO BEYOND IMAGE BUILDING TO INFLUENCE BEHAVIOR IN ACTUAL CASE SETTINGS"

THURSDAY

12:00 PM
"MUSIC AND MEDICINE: A PARTNERSHIP IN HISTORY"

1:00 PM
"THEATRICAL COSTUME DESIGN: DREAM ON, OR WELCOME TO MY NIGHTMARE?"

The September Flea Market of Ideas Features Speakers From the College of Fine Arts & Communications

When you absolutely, positively, unequivocally, categorically can't fit the class in your schedule, but need to have it, we may be able to help. BYU Independent Study.

Call 378-2868 BYU Department of Independent Study 206 HCEB

SPORTS

Cougars bury Baylor Bears, 47-13

By TROY STEINER
Asst. Sports Editor

If broadcaster Don Meredith had been present at Saturday's BYU-Baylor game, the editing of "turn of the lights, the party's over" would have been heard early on in the Cougars' 47-13 home-opening romp.

The game was all but over in the first quarter as the BYU offense exploded for 51 unanswered points on 227 total yards.

The Cougars avenged their only defeat last season, and with Miami's loss to Michigan, BYU's 13-game win streak is now the longest in the nation.

Those who were critical of quarterback Robbie Bosco and the BYU running game were silenced when the Cougars showed just how good they are.

Bosco hit 26 of 41 passes for 311 yards and six TDs. Newcomer Robert Parker emerged as an explosive runner, collecting 131 yards on 11 carries for an 11.9 yard per carry average.

The final score was somewhat unexpected because the strong point of the Baylor team was supposed to be their defense. "I was surprised the way it went," said BYU coach LaVell Edwards. "I thought it would be a lower-scoring game."

"You've got to outscore BYU; you can't slow them down," said Baylor coach Grant Teaff. "We tried to keep them from running, but they were too good."

Not only was the offense potent but the defense put together another excellent game. "We did the things on defense we had to help us," Ed-

wards said. "There isn't any question that this is the best defense we've ever had."

Probably the biggest story of the day was the way the BYU offense played.

"They made some great passes and catches," Teaff said. "I don't think I can remember as many on-the-nose passes as they hit in the first half."

The Cougar offense not only displayed great passing skills but a talented running game. On BYU's first drive of the fourth quarter, Parker took the ball three consecutive times and picked up three first downs. He gained a total of 150 yards running and receiving.

Parker, a junior college transfer, brought back memories of former BYU running back Eddie Stinet. Parker, who wears the same No. 43, said he just wants to try to do as well as Stinet did.

"I just wanted to come in and get a chance to show my stuff," he said.

Most of the BYU team was surprised with the outcome of the game. "It surprised me," Bosco said. "I didn't expect the ball movement we got. The offense was just ready to play."

"We have the kind of team that if we are going to lose we will beat ourselves."

The BYU passing game dominated the first half, as Parker threw two TD strikes each to wide receiver Glen Kozlowski and running back Kelly Smith. Tight end David Mills also caught a first half touchdown pass.

The Cougars scored TDs the first five times they touched the ball. The first of Bosco's six touchdown throws

went to Kozlowski on a seven-yard strike after BYU had marched 57 yards down field. The point-after attempt was blocked.

Mills snared his first TD pass of the game in BYU's second drive when Bosco found him on a 39-yard bomb to the middle of the end zone. BYU then scored a two-point conversion, with Kozlowski catching Bosco's pass.

Following a Baylor touchdown, Kozlowski caught his second TD to give BYU a 21-7 lead with 31 seconds remaining in the first quarter.

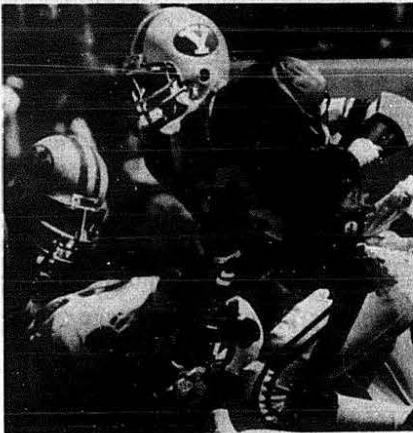
In the second quarter the Cougars picked up where they left off as Bosco rolled out left and found Smith for a two-yard TD making the score 28-7. Smith caught his second touchdown pass late in the second quarter as Bosco faked two handoffs and then found him for a 34-7 halftime lead.

The BYU offense was sluggish in the second half except for the running of Parker, who seemed to give the Cougars a lift.

The defense was fired up, however, getting three of its four interceptions after intermission. BYU defensive tackle Jim Herrmann, linebacker Leon White and cornerback Mark Allen all intercepted Bear quarterbacks in the second half. Kyle Morrell had the only first half interception for the Cougars.

Mills caught his second TD in the third on a 15-yard pass after White grabbed an interception. The last Cougar score was a one-yard plunge by fullback Fred Whittingham.

BYU is at home again Saturday when the Tulsa Golden Hurricane comes to town. Baylor has a week off before traveling to Oklahoma.



BYU running back Robert Parker dashes through the line on one of his 11 carries during the rout of Baylor, 47-13. Parker, a junior college transfer, rushed for 131 total yards.

McEnroe and Martina victors in U.S. Open

NEW YORK (UPI) — John McEnroe needed only one hour and 45 minutes to defeat Ivan Lendl 6-3, 6-4, 6-1 for the U.S. Open tennis championship Sunday.

It was the 66th victory for the world's top-ranked player against only two losses this year, and allowed him to regain the U.S. crown he last held in 1981.

Martina Navratilova captured her second consecutive U.S. women's title Saturday.

VCR OWNERS

Get free \$20 membership + 1" movie free with ad. Open, west of Grand Canyon. Call 800-868-223-0626

Fun with Photography

Photographic Counselor

By Bob Allen

Certified

Photographic Counselor

People are especially concerned with saving money these days. I often hear people say "I don't buy anything unless it's on sale." You can save money this way, it's a good way to go. There is, however, a limit to the amount of money you can save this way. It is the purpose of this column to help you to save money on photography. That is also the central purpose of our business, Allen's Camera & Sound, to help you get the best possible value out of your expenditures in pursuit of fine photography and high fidelity music.

One of the things that motivates me to write this column and to help people in our stores is the realization that many of you are not always getting the quality pictures you are paying for. I spend quite a bit of time at the lab where our film is processed and I see examples of the photos being made by a lot of people. I would like, in this column, to cover some of the ways in which money could be saved by making better use of the photographic equipment that you own.

Certain camera brands and models seem to have recurring types of problems. This column will deal specifically with these in future issues. We would also ask if you have any questions that you would like answered in this column for the benefit of all readers, please contact me at Allen's Camera & Sound, 373-4440.

Allen's

373-4440

WHEN PICTURES ARE IMPORTANT, PEOPLE TRUST ALLEN'S.

373-4440

Y 47, Baylor 13

BYU	7	0	0	6	-13
BYU	21	13	7	6	-47
BYU	— Kozlowski 2 pass from Bosco (kick blocked)				
BYU	— Mills 39 pass from Bosco (Kozlowski pass from Bosco)				
BYU	— Pruitt 28 pass from Muecke (Mueller kick)				
BYU	— Kozlowski 10 pass from Bosco (Johnson kick)				
BYU	— Smith 2 pass from Bosco (Johnson kick)				
BYU	— Smith 23 pass from Bosco (kick blocked)				
BYU	— Mills 15 pass from Bosco (Johnson kick)				
BYU	— Stockemer 1 run (pass failed)				
BYU	— Whittingham 1 run (kick failed)				
A	-63,705				

First downs	Bay	BYU
Rushes-yards	19	29
Passing yards	35-90	39-209
Return yards	282	315
Passes	20-40-4	22
Punts	5-37	7-54
Fumbles-lost	2-0	1-0
Penalties-yards	11-84	7-40
Time of possession	27:11	32:49

INDIVIDUAL LEADERS

RUSHING — Baylor, France 13-28, Muecke 3-28, Stockemer 6-20, Sargent 9-7, Connor 2-3, BYU Parker 11-131, Smith 2-41, Hermul 7-21, Kozlowski 1-16, Salanoa 4-4.

PASSING — Baylor, Carlson 15-25-2-198, Muecke 5-15-2-84, BYU, Bosco 26-41-0-311, Fowler 2-2-0-4.

RECEIVING — Baylor, Pruitt 6-129, Douglas 3-44, Ales 4-41, Conrad 3-40, Connor 1-11, BYU, Mills 6-115, Kozlowski 4-43, Bellini 3-34, Haysbert 3-33, Orr 1-21.



HAIR SPECIALISTS

Welcome Back Special (First Time Only)

AVDON

HAIR STYLING BY BODY STRUCTURE

669 E. 8th N., PROVO

374-6606

Get to Know You Offer

MEN

\$5.00 Haircut

WOMEN

\$8.00 Haircut

Expires Sept. 20th

TEXAS INSTRUMENTS

HAS IT ALL!

FOR BACK TO COLLEGE

TI BA-II EXECUTIVE BUSINESS CALCULATOR
\$34.99

- Built-in statistical functions to compute mean, standard deviation, linear regression and trend line analysis.
- Explore alternatives in lease-buy options, loan amortizations, real estate mortgages, sales and earnings forecasts. #31-541

TI 5310 DELUXE DESK CALCULATOR
\$39.99

- Large 10-digit yellow-fluorescent display.
- Printer on/off switch option.
- Mechanical printer with fast 2-lines per-second speed.
- Uses 2 1/2" plain paper tape. #32-193

TI 66 PROGRAMMABLE PROFESSIONAL & STUDENT CALCULATOR
\$59.99

- Over 500 merged program steps.
- Up to 10 user flags are available, as well as 6 levels of subroutines. #31-530
- More than 170 built-in scientific, engineering and statistical functions.

TI LCD PROGRAMMER CALCULATOR
\$49.99

- Ideal for use with any size computer.
- Perform fast, accurate conversions and calculations in hexadecimal, octal and decimal number bases. #31-560

TI POCKET PORTABLE CALCULATOR
\$5.99

- Automatic turnoff with not in use.
- Versatile memory feature.
- Square root and percent keys. #31-470

TI 5310 DESKTOP PRINTING ACCOUNTING CALCULATOR
\$129.99

- Handles all accounting needs, including invoicing, payroll, budgeting and financial statements.
- 2-color printing. #32-219

TI-35 MATH STUDENT CALCULATOR
\$17.99

- Performs Roots, Powers, Reciprocals, Common and natural logarithms.
- Does Trig, algebraic and other functions. #31-506

STOKES BROTHERS

OREM SUPER STORE

Allen's

373-4440

WHEN PICTURES ARE IMPORTANT, PEOPLE TRUST ALLEN'S.

373-4440

WAC offenses explode

Air Force, New Mexico, Texas-El Paso prevail

By UNITED PRESS INTERNATIONAL

Air Force, which scored 75 points in a lopsided victory over Northern Colorado, led a weekend offensive explosion by Western Athletic Conference teams which saw 223 points scored against their opponents.

The point totals included 40 by Utah, which lost to Washington State by two points. Nevertheless, Utah coach Stokart said his players could hold their heads high.

"I was proud of the performance," he said. "We thought it would be a great game to find out how good our offense really is."

Meanwhile Air Force, which beat San Diego State last week in the only WAC game played this season, set five school records as it bombarded intrastate foe Northern Colorado. The victory marked a record 10 straight for the Falcons and

came as Air Force rolled up a record 585 yards rushing.

Other records included the most points scored, most points in a half with 40, and a mark for the best average gain per rush at 9.4 yards.

Air Force coach Fisher DeBerry, who sent 21 different ball carriers at the UNC defense, said he didn't know quite what to think about the game.

"Our players can't help but learn from the experience," he said. "I still don't know how good we are. The real test comes next week (against WAC foe Wyoming)."

The league's second-best scorer in weekend contests was New Mexico, which trounced intrastate rival New Mexico State 61-21 but may have suffered the greater loss because of an injury to quarterback Buddy Funk. Funk, whose injury was believed to be a concussion, was listed in satisfactory condition Sunday in

an Albuquerque hospital.

UNM coach Joe Lee Dunn said: "Things just went our way. Our offense was fantastic."

Texas-El Paso won its first game of the season, downing Idaho State 16-14.

In another game involving a WAC team, Hawaii was defeated by Fullerton State 21-13 in its season opener. Hawaii coach Dick Tenney admitted his Rainbow Warriors were simply outmatched.

"They were a lot better team," he said. "The right team won. The strength of our team was miscalculated."

Other WAC teams that walked away losers were Wyoming, downed 42-7 by No. 2 Nebraska, Colorado State, upended 14-9 by Mississippi State, and San Diego State, an 18-16 loser to UCLA.

The Aztecs came surprisingly close to the Bruins, who scored all their points on six field goals by John Lee, tying an NCAA record.

Dolphins crush Patriots, 28-7, on Marino TDs

Dan Marino hit Mark Clayton for two touchdowns in the first four minutes of the second half Sunday to lift the Miami Dolphins to a 28-7 victory over the New England Patriots.

The Dolphins, 2-0, took the second-half kickoff and drove to the first score with 2:22 gone, as Marino hit Clayton on a slant over the middle for 38 yards to make it 14-7.

In other games, the New York Giants blasted Dallas 28-7. St. Louis crashed Buffalo 27-7. New Orleans nipped Tampa Bay 17-13. Chicago blanked Denver 27-0. Detroit edged Atlanta 27-24 in overtime. Kansas City upended Cincinnati 27-22. Philadelphia edged Minnesota 19-17. The Los Angeles Raiders hammered Green Bay 28-7. The Los Angeles Rams nipped Cleveland 20-17. Seattle clubbed San Diego 31-17 and Indianapolis dumped Houston 35-21.

At East Rutherford, N.J., Andy Haden dashed a club-record 81 yards with the first of two Gary Hogeboom fumbles and Phil Simms fired three touchdown passes to spark the Giants.

At St. Louis, Otis Anderson scored two first-half touchdowns and Neil Lomax threw two scoring passes to lead the Cardinals.

At New Orleans, Hokie Gajan scored on an 8-yard burst with less than two minutes remaining to lift the Saints, capping an 88-yard drive.

At Chicago, Walter Payton scored on a 72-yard touchdown run — the longest of his career — and broke Jim Brown's career combined yardage mark with 179 yards rushing to lead the Bears.

At Atlanta, Ed Murray kicked a 48-yard field goal with 5:06 gone in overtime to lift the Lions. The Falcons had battled back to tie the score at 17-17 and 24-24.

At Cincinnati, Todd Blackledge passed for two touchdowns and Nick Lowery kicked a 40-yard field goal with 1:50 remaining to seal the Chiefs' win and improve their record to 2-0.

At Philadelphia, Ron Jaworski flipped a 1-yard touchdown pass to John Spagnola with two seconds remaining to lift the Eagles.

At Los Angeles, Frank Hawkins, Marcus Allen and Derrick Jensen rushed for second-half touchdowns to power the Raiders and improve their record to 2-0.

At Los Angeles, Ron Brown tied the score with a 55-yard touchdown catch and Mike Landford kicked a 27-yard field goal with 1:25 remaining in the game to lift the Rams.

At Seattle, Dave Krieg ran for two touchdowns and passed 22 yards to rookie Daryl Turner for another score to lead the Seahawks. Franco Harris, rushed for 46 yards on 14 carries in spot duty.

TACO BELL

Burrito Supreme

"with this coupon"

Buy one and get the second one for 1/2 price.

(Offer expires September 30, 1984)



66 E. 1230 N., Provo
364 S. State, Orem
(Offer Expires May 17, 1984)

YOU CAN AFFORD TO

W's on your Academic Record count as Lack of Progress (LOP).

Drop during the Add Drop period (before Sept. 18, 1984). This gives other students the opportunity to add classes you drop. After Sept. 18, 1984, the class is recorded as a "W" on your transcript.

Note information found on page 10-11 of the Fall 1984 Class Schedule.

The Academic Standards Office is available with help to all students.



Pineview

Spring Summer Fall

Fall/Winter **\$115**

Deposit Only **\$60**

All utilities paid

To make it a Great Year:

- Fun People & Wars
- Great Pool
- Close to Campus
- 3 bedroom Apartments
- Recreation room
- Plenty of parking

1565

N. University

374-9090

The Cougar Coupon Caper

Discount Movie Tickets

	Reg.	Discount
Mann	4.50	3.00
Piitt	4.50	2.50
Scera	4.00	2.50

Entertainment & Discount Clubs


Dining Plus Happenings Clout Club

Ski Passes

Snowbird
Park City
Park West
Plus many more

Professional Sports

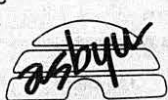
Utah Jazz
SL Golden Eagles



Further information available at the BYU bookstore cashier window or at our new location, the new student programs ticket office, located next to the candy jar in the ELWC, open 2-9 p.m. or phone 378-4996.

Watch the Cougar Coupon Caper for more information and prices on discount tickets.

Movie listing recording 378-6000.



AT&T markets innovations

Hi-tech improves telephone systems

By RAELINE MONSON
Monday Editor

Forecasting the future is a job usually left to astrologers and mystics. AT&T, however, is predicting the version of the future which will soon become the history of tomorrow.

With the advent of digital systems, photonics and lasers, the phone of the future will perform a host of different tasks besides the current functions of dial, ring and talk, said Brent L. Checketts, assistant staff manager at Mountain Bell in Salt Lake City.

According to Time Magazine, AT&T is already offering two new versions of its standard telephone which illustrate the direction the phone is going. "Both instruments have key pads and display the date and time or the number of the person being called on calculator-style windows," the article stated.

The key to unlocking state-of-the-art technology, Checketts said, is the Centron systems. He explained the Centron system as a certain type of electrical network that enables the phone to perform a variety of different functions.

"The Centron system is being utilized today in many homes and can be used with any standard push button phone," he said.

With more workers working and homes becoming more empty during the day, the average family is looking for some emergency device to protect them from fire and crime, he said. With the use of the Centron system, sensors and alarm systems have been designed to improve safety and security in the home.

Automatic systems

Units that automatically call medical emergency numbers, and systems linking smoke alarms to phones that will dial two numbers when smoke is detected, are already on the market.

A Sennaphone, as described by Time Magazine, monitors room temperatures, sound levels and electrical systems. If a room's temperature rises above or drops below a preset level when a homeowner is away, perhaps because of a fire or a pipefreezing chill, the device will automatically send a message to one of four emergency numbers.

Other features within the Centron network include call waiting, call forwarding and three-way calling. The only prerequisite for either current calling or Centron is electronic switching. Currently, about 65 percent of Utahans are served by electronic switching. "The percentage is rapidly climbing too," Checketts said.

Micro-electronics

The products currently on the market, however, look like the old crank phones compared with what will arrive in the future, he said. "The big thing in micro-electronics and photonics is electronic metal wires carry information as pulses of electricity. In photonics, glass fibers carry information as pulses of light. I believe it represents the wave of the future of communications in space and under water as well as on the land."

In September 1982, the world's first undersea test of light wave communications was made off New England. When completed, the system will



A fiber optic cable is but one of the many new technologies representing the future of communications. One cable will carry thousands of voice messages on a single strand.

carry the equivalent of 40,000 telephone calls at a rate of 274 million bits of information per second.

In space, communications satellites orbiting 22,300 miles above the earth, can transmit 80,000 simultaneous conversations through light waves.

According to Checketts, products being worked on include silicon chips that will recognize individual voiceprints, telephone links to computers for the use of sending data to different locations, and even a Dick Tracy-type two-way wrist radio.

"The new technology appearing now is not just focused towards the home but to businesses as well," Checketts said.

Teleconferencing

Information released by Mountain Bell indicated that when groups of business people need to communicate with one another, they'll be able to use a system called teleconferencing. Teleconferencing utilizes a microphone that picks up voices but

screens out noise from a conference room.

"Combining computer terminals and telephones gives the customer many exciting options and possibilities. Keeping personal appointment calendars, stock quotations, newspaper clippings and different phone numbers can all be done on the new teleterminals," he explained.

"And the best thing is that they don't even have to know computer commands. A doctor could use a terminal to review a patient's medical records — while talking to the patient on the phone."

Installation of a new phone line is not a prerequisite for many of the latest technologies. A new method of transmitting information allows data and voice signals to travel alternately over an ordinary home telephone line.

"New innovations are always exciting. I think we are progressing in a forward direction for the service of our customers and the building up of the company," Checketts said.

Knievel plans for last jump to be a father & son event

BOISE (UPI) — Evel Knievel, approaching the 10th anniversary of his infamous attempt to soar across Idaho's Snake River Canyon on a rocket-driven motorcycle, now plans to end seven years of saving live to make a final stunt jump with his son, Robbie Knievel, interviewed Thursday at his grandmother's home in Butte, Mont., said he has signed a contract to jump across 10 buses, possibly in Los Angeles next Father's Day.

The stuntman's failed attempt to soar across the 1,600-foot-wide Snake River Canyon on Sept. 8, 1974, has left bitter memories in Idaho.

"I don't know if I can do it, since it's been seven years since I jumped," the

elder Knievel said. "I'm 45 years old, and I can't afford to get hurt one more time seriously."

But Knievel, in a telephone conversation with United Press International, said he only tries to please "the man I look at in the mirror every morning" and will attempt a "last" jump to gain attention for his son, Robbie Knievel, 22, La Costa, Calif.

The younger Knievel, who also uses the name "Evel" for stunts, will attempt to jump 10 buses with his hands off the cycle's handlebars, his father said.

"I'm going to introduce him to the sporting world, and he's going to make it so no one can say he made it on my coattails," the elder Knievel said.

Device tests death cause of dinosaurs

BERKELEY, Calif.

(UPI) — A new device that can measure the level of a silvery-white metallic element in rocks will help test a recent theory that a mysterious "death star" unleashed a barrage of comets that proved fatal to dinosaurs and other ancient life-forms, researchers said Thursday.

The unique device, called the Iridium Coincidence Spectrometer, can measure the amount of iridium in rock samples much more quickly and cheaply than anything in use today, making it possible to gauge the extent to which the earth has been bombarded by large comets, scientists said.

Iridium, an element from the platinum group, is scarce in the earth's crust — about 20 parts per trillion — but is 100,000 times more abundant in most meteorites.

Measuring the abundance of iridium in a rock sample and comparing it to the abundance of these other elements in the area from which the sample was taken can reveal whether the iridium is extraterrestrial in origin.

Unusually high concentrations of iridium — more than 100 parts per trillion — which peak in sediments that date back to an extinction period would help substantiate the death star theory, researchers said.

Fossil records showing periodic mass extinctions have been linked to impact craters and high concentrations of iridium in sediments.

Crestwood
Private Bedrooms
Rent for \$500-\$85
Full 94 Contract \$130 + utilities

- Jacuzzi • Free Cable TV
- Sauna • Volleyball Area
- Dishwashers • Private Sinks
- Pool • Rquestball Courts

1800 N. State, Provo
377-0038

GATSBY'S
Gentlemanly Dress for Men and Women

The difference between dressed and well dressed

GET ACQUAINTED COUPON
\$8.00

This coupon is worth \$8.00 on a \$25.00 purchase. Coupon expires Sept. 30, 1984. \$8 Coupon good on regular merchandise \$8.

UNIVERSITY MALL, OREM

Hewlett-Packard... For Tough Assignments

Quality, versatility and speed are just the beginning when it comes to Hewlett-Packard calculators. Because along with leading-edge technology, HP gives you powerful, practical performance features like:

- Programming capability
- Built-in functions
- Time-saving dedicated keys
- Software

Come in today and see for yourself!

Our calculator department is located on the 1st floor of the Bookstore

byu bookstore

Utah's job rate holds steady

SALT LAKE CITY (UPI) — Utah's jobless rate in August held steady with the figures posted after the July layoff of nearly 1,500 Kennecott workers, the Utah Job Service reported.

A Job Service report released Thursday said the seasonally adjusted rate of 6.8 percent for August was identical to July's rate, with an adjusted decrease of only 100 positions — from 44,390 to 44,290 — between the two months, said Job Service spokesman Ray Sargent.

"While differences between August and July unemployment numbers were minimal, this is not the case when compared to a year ago," he said. "August 1983's seasonally adjusted unemployment rate of 8.9 percent lowered above August's 1984 rate of 6.8 percent."

During that interim, the total increase in jobs was 35,409, he said. From July to August of this year, Utah's non-agricultural industries added about 4,700 jobs to the economy, compared to 3,300 for the same months a year ago.

This expansion pushed non-agricultural jobs to

more than 600,000, regaining ground lost last month due to layoffs in the copper, steel, food processing and apparel industries," Sargent said.

He noted that the descent in Utah's jobless rate has slowed considerably during recent months. From May 1983 to May 1984 the rate in Utah nosedived by nearly three percentage points, from 10.4 to 6.5 percent.

"Since May 1984, the rate has slipped only a couple of notches, decreasing from 6.5 percent to 6.3 percent," he said. "The rate actually increased in July when the Kennecott layoffs hit the state."

He noted the area of highest unemployment is still the state's coal and mining belt, with Carbon, Emery, Grand and San Juan counties posting a 10.4 jobless rate. He said the next-lowest district was in central Utah, where Juab, Millard, Piute, Sanpete, Beaver and Wayne counties showed a 7 percent unemployment rate.

The area of lowest unemployment was the 4.5 percent posted in the Bear River District, which includes Box Elder, Cache and Rich counties.

Provo Council OK's project of \$1.5 million

PROVO (UPI) — The Provo City Council has voted unanimously to spend \$1.5 million on a project to bring steam heat from its municipal power plant to a hospital, high school and three other major buildings.

Bud Bonnett, director of city utilities, said the engineering and design work will begin immediately.

Pioneer
DIAMOND COMPANY

ENGAGEMENT PORTRAIT SPECIALISTS

470 N. University Ave., Suite #2 Provo, UT 84601 377-2640

College Dental Clinic

FREE

Dental exam (includes two B/W x-rays)

• cleaning \$10 • 24 hour emergency care

• wisdom teeth • orthodontics

no initial appointment necessary

742 E. 820 N.

below EL Azteca

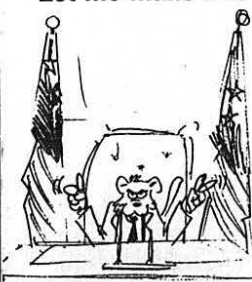
374-0202

Dr. Ken Molen

Dr. John Day



Let me make this perfectly clear



Students of all majors are invited to the Washington Seminar open house

Thursday, Sept. 13
8:00 a.m.-5:00 p.m.

Garden Court, ELWC

For further information contact Washington Seminar

747 SWKT

378-6029

Juniors & Seniors Hire Yourself An Employer

by enrolling now
For Fall Semester
Employment Strategy
Career Education 317 (2:22)

- We cover the following topics:
- How to decide the job you want.
 - How to interview
 - How to dress for the interview and later employment
 - How to prepare your letters and resume
 - How to negotiate your contract
 - How to succeed on the job
 - How to never be out of work
 - How to build a financial power base for the future

Career Education Office

128 Kimball Tower
378-2687

If your evenings are free, we also offer our class one night a week.

Also available through Home Study

Long-distance options open

Competition has grown more fierce since the breakup

By JONETTE UDARBE
Senior Reporter

Long-distance phone calls are a major part of many BYU students' lives. Whether it is a call home for emotional and financial support, or to hear the voice of a sweetheart, the price of long-distance calls can eat up the month's budget for food and other things, leaving one hungry.

With the breakup of the Bell System, competition in the telecommunications industry has increased. More choices in telephone products and services are offered and the marketplace is crowded with national and local companies offering lower long-distance rates.

American Telephone and Telegraph Co., the largest national company, began over a hundred years ago and now serves 87 million customers.

"We have the best quality because we use our own networks."

—Steve Harvey
AT&T spokesman

It is the only service that offers worldwide long-distance calls. According to Steve Harvey, spokesman for AT&T, the company services 248 countries and points overseas.

Harvey said the major benefits of AT&T include the worldwide service and the quality of transmission. "We have the best quality because we use our own networks and mix underground cable, satellite and terrestrial systems as a means of communication," said Harvey. "We also use the latest technological developments."

Cindy Crawford, customer service representative, said there are always clear connections, and there is a standard one-minute allowance if the connection is bad and operator assistance is used.

MCI is the second largest national network and has been operating for more than 50 years. It is also a common carrier, meaning the company owns the network.

According to John Pargo, branch manager in Salt Lake City, MCI offers a five percent to 40 percent savings on long-distance phone calls over AT&T.

One feature of MCI's long-distance services is a universal credit card that can be used to make calls from anywhere in the United States and to five cities in Canada.

MCI does not charge deposit or installation fees, and customers do not need to maintain a monthly minimum, Pargo said.

According to Pargo, one drawback with MCI and other long-distance



THE SORENSON SYSTEM



companies is the long dialing code. This will be changed, however, with Equal Access.

Equal Access is a ruling by the Federal Communications Commission that will give all long-distance companies the same privileges as AT&T. This means customers will no longer have long access and authorization codes to dial but will simply dial one, the area code and the number, and their call will go directly through the company they choose, said Pargo.

According to Chasle B. Darcy, secretary for Tel America in Provo, Equal Access will begin in Salt Lake City in November and will be completed by 1986.

Sprint, the third-largest national company, offers many of the same benefits as the other national companies.

According to Mike Smith, account representative, the major benefit in using Sprint is the travel code which saves 40 percent to 80 percent over credit card or operator-assisted calls.

The travel code allows a person to make a call while away from home and have it billed to their home address instead of having to make a collect call.

"If a student's parents use Sprint, they can use their access number from Provo to call home and have it

billed to their parent's address. This provides a great savings over a collect call," said Smith.

Sprint offers a base rate at a sav-

"Students have an advantage in using long distance companies because each roommate is billed individually instead of sharing the bill."

—Frank Keeny
Sorenson Systems

ings, with additional volume discount rates.

Long-distance phone calls can be made to any area within the United States but must be made from a Sprint Network City. The network includes 85 percent of the major cities in the United States.

Sprint does not charge installation fees and no deposit is required.

Tel America is the largest local phone company with 5,000 to 10,000 customers in Utah Valley, according to Chasle B. Darcy, secretary for the Provo office.

allergy for most of his life. He had been treated by many doctors with no success. His health was generally poor, and he suffered from symptoms such as dizzy spells with hallucinations and fatigue.

Prescribed medications often accentuated the problem. Strict food rotation diets didn't offer relief. "This suggested reactions to substances common to many food families," he said.

"Dr. Ray Wixom, an allergist in Las Vegas, Nevada, told me I was sensitive to phenols and salicylates (used to produce aspirin)," Gardner said. That theory was revolutionary.

"I developed a hypothesis that phenolic compounds and certain other associated chemicals are responsible for allergies and the mental disorders associated with those allergies," Gardner said. Studies by various specialists have shown this to be the case.

Allergy shots are based on the assumption that treating allergies is an immunological process, Gardner said. This study would indicate that the process is biochemical.

Gardner learned from Wixom how to chemically desensitize himself. The treatment "is quite different from the traditional series of A-20s," he said. Solutions with chemicals to which one is sensitive

are administered sublingually (under the tongue) whenever there is a reaction. The solution must contain the precise amount of the chemical to cause the production of just enough adrenalin to neutralize the reaction, he said.

The goal is to administer the drug and allow the adrenal glands to work the least possible," Gardner said. The chemical will arrest the reaction within 10 seconds.

Gardner said the key to the process is determining the chemical dosage to neutralize the reaction. The amount must be exact to be successful. The largest dose is 1 percent, and they progressively get smaller, he said.

As the body builds tolerance to the chemicals, the dosage is increased, and desensitization is eventually achieved.

Gardner has categorized foods according to their chemical contents. One chemical solution often controls allergic reactions caused by several chemicals.

"For example, about 15 chemical solutions will control about 160 different chemicals that I react to," he said.

There are many chemical groupings that are causing similar problems for many people, Gardner

Parks proposed as dumps

SALT LAKE CITY (UPI) — The Department of Energy may be trying to use a "backdoor" method of putting a proposed nuclear waste dump within a national park, a state official said.

Rod Miller, a natural resources policy specialist for the Utah Department of Natural Resources, said Thursday the DOE might consider putting a nuclear waste dump near the edge of Canyonlands National Park, then wrapping the park's borders around it.

"National Parks are a human sanctuary, like a hospital or a church," Miller said. He compared such an action to the military storing bombs in a church.

"It would certainly violate all accepted forms of behavior," he said. "It violates the intent of a sanctuary."

He said reports by the DOE's Human Interfer-

ence Task Force — which is charged with assuring the radioactive wastes will be undisturbed — say there would be advantages to putting a repository in the park.

Congress specifically prohibited the placement of the repository in a national park," he said. "I think this committee's a backdoor attempt by the DOE to site the dump in the park."

He quoted the DOE's Human Interference

Task Force as saying, "Certain land uses could help promote the continued knowledge of the repository and/or protection of the repository."

"For example, if the repository were to be subsequently included within lands under federal protection for other purposes, advantages might be realized relative to the long-term protection of the repository from human interference," the task force said.

Recall the Fall of '84
SALT LAKE CITY
Polo University Club

39 West 200 North, Provo University Hill, Utah

Introductory Coupon —

STYLIST 1

Shampoo Cut Blow Dry Only \$7⁹⁹

Call Krista, Lisa, LaRae, Michele or Mandy at 224-4954

perm Reg. \$35⁰⁰ only \$24⁰⁰

214 E. 100 S., Corner of 100th and Center Streets

highlight and write quick as a flash

TEXTAR more than just a highlighter

Switch from highlighting to jotting notes without changing pens. Textar comes in six bright fluorescent colors, each with a blue ballpoint pen.

Available now at your college store.

Close to Campus — VERY CLOSE

Park Plaza

Full Winter Rates

Only \$105⁰⁰

Hurry, limited space available
910 North 900 East
Call today 373-8922

OFFICE HOURS 2-4 p.m.

Loaded Up For School

As many items as you like

Load up your pizza at Cookietree As many items as you like — no extra charge.

12 inch pizza — loaded up, as many items as you like, one price 7.95
16 inch pizza — loaded up, as many items as you like, one price 9.97

Cookie Tree

Fast & Free Delivery 4 p.m.-midnight anywhere in Provo.

377-9881

Discover how the library can help you open doors in your education.



Lib. Sci. 111

Many seniors wish they would have taken this one credit class as a freshman. Register today!

FREE!

Women of the Y calendar with your roll of film developed and printed at

World-Wide Photo

712 W. Columbia Lane

377-3770 while supplies last

Prints 20¢ each

4 hour service

Bring this coupon one per customer



New postal rates to be debated

WASHINGTON (UPI) — The Postal Rate Commission recommended Friday that the U.S. Postal Service raise the price of a first-class stamp from 20 cents to 22 cents and hike the cost of a postcard to 14 cents.

If the Postal Service board of governors approves the new rates, which are less than the U.S. Postal Service requested last November, they could go into effect as early as February. But a spokeswoman for the board said the matter would not be taken up before next month.

The Postal Service had asked for a 23-cent first-class stamp and wanted to charge 15 cents for postcards, which now cost 13 cents.

In addition to the 22-cent charge for the first ounce of first class mail, the commission recommended that the rates for additional ounces not be increased.

HELP SUNDANCE. THEN HELP YOURSELF TO 3 DAY-PASSES.

We'll trade you three-day-passes for eight hours of help on the mountain. You'll be pruning and clearing trails. And we need 30 of you. Just bring a lunch and gloves. You'll also need to pre-register. Just call 225-4107. First come, first served. The dates? This Saturday, the 15th. Also September 22, 29 and October 6. So, call soon. 225-4107

SUNDANCE

The Baseball Card Shop Hobby proves profitable

By TOD SANDERS
Universe Staff Writer

The collecting and trading of baseball "hobblegum" cards has been a source of enjoyment for kids of all ages for almost as long as the game itself has been around.

Since the days of Cy Young and Ty Cobb, fans have paid anywhere from a penny, years ago, to thousands of dollars today for the right to acquire a card with their hero's picture on the front and his statistics on the back.

As a lifelong card collector from Maine, Willie Guerrette has found a way to parlay his hobby into a money-making enterprise. Guerrette is the proprietor of the "Baseball Card and Comics too" shop in downtown Provo.

And how did this 24-year-old accounting major at BYU come to decide to work his way through college as the co-owner of a novelty shop?

"Well, it's a long story, but I had been collecting baseball cards since I was eight," Guerrette said, "and when I got home from my mission I took it up again."

By the time his personal collection had soared to over 100,000 cards, he had also collected a wife who was not too keen on the prospect of spending needed funds to expand his collection.

"My wife told me that if I could earn enough money through my cards to support my hobby, then she would go along with it. That is exactly what he did."

"I started by selling my doubles (having more than one of the same card) through mail order. Then the owner of the biggest card store in Salt Lake City contacted me about getting a store going in Provo, so I became his partner," Guerrette said.

Since the store opened in May of 1983, the inventory of cards has swelled to 1.5 million. The names and eras range from a 1952 Willie Mays to a 1984 card of New York Mets rookie sensation Darryl Strawberry — which is currently the hottest on the market.

Baseball cards are not the only ones on hand. Full collections of football, basketball and even hockey can be found in Guerrette's store.

The general impression concerning baseball card collecting is usually that it is just "kid stuff." Not so, said Guerrette. "Half of our card business is from BYU students. In fact, the average collector is in his twenties. Along with being a simple hobby, baseball card collecting has also become big business."

Conventions are being conducted throughout the country, where cards are bought, sold, and traded. The most sought-after card is of Hall of Famer Honus Wagner, circa 1910. There are only nine of them in existence and it costs a \$25,000 price tag.

The most expensive card of the modern era is the Mickey Mantle rookie card of 1952. According to Guerrette, that card will bring a price of \$1,500.

Guerrette also speaks of the good investment that baseball cards have become. "They appreciate at a higher rate than stamps or coins."

As an example, he cited the rookie card of two time most valuable player Dale Murphy. "His first card cost 25 cents two-



Universe photo by Doug Lind
Provo residents visit "The Baseball Card and Comics too" in downtown Provo where a BYU student has made a profitable business out of a childhood hobby.

and-a-half years ago, but now it goes for \$25, especially in Utah because he is a local favorite."

Although card collecting is Guerrette's personal passion, the comic book side of the business is the most profitable — and popular.

"Three-fourths of our business comes from the comics," Guerrette said. He sells 2,000 of them a month, mostly to BYU students.

"Comic book readers are on the defensive because of the stigma attached to them," said Daniel Chin, Guerrette's only employee.

"Most people start reading comics when they are about thirteen, but stop when they get to high school. But then in college they don't care what others think, so they come out of the closet," Chin said.

Murder suspect jailed after shooting incident

INGLEWOOD, Calif. (UPI) — Police have arrested the man who allegedly opened fire at an intersection last month, killing an apartment manager who was shielding a 3-year-old boy from the bullets.

Members of the Inglewood Police gang intelligence unit Tuesday arrested Kenneth Davis, 18, just after he left a motel and began walking toward an intersection, Lt. Les Friesen said.

Davis was booked at the Inglewood jail on suspicion of murder and was held without bail in connection with the Aug. 19 shooting that killed Vincent McGowan, an assistant manager of an apartment building.

McGowan was outside the building when Davis allegedly appeared on a street corner and began firing at pedestrians. Witnesses said McGowan fled from his place of safety and grabbed Demone Scott, 3, who was playing on the sidewalk.

Although he was shot, McGowan ran inside the building clutching the boy and up a flight of stairs before collapsing on the landing. The boy escaped injury but McGowan died from two bullet wounds.

Neighbors said the gunman was beaten up the night before in an area dubbed "drug alley," and apparently came back to claim vengeance.

Police Sgt. Joe Reeves said McGowan "brought the boy out of the fire and died for him."

Neighbors described McGowan as softhearted. "He never had a harsh word for anybody," said Sherryl Gooden, 20, a neighbor.

Solidarity spokesman to visit Y

Marek Bartel, editor of the "Voice of Solidarity," will be speaking at noon on Monday, September 10, in 377 Wilkinson Center.

As head of the Information Office in London, England, Bartel works with a group of Polish exiles coordinating efforts to assist the trade union movement within Poland.

A primary aim of the "Voice of Solidarity" is to provide information about the movement toward peace and social justice.

Gartel is a spokesman for the Solidarity underground, and advocates the need for human rights for all people.

His speech will focus on the rise of Solidarity under the leadership of Nobel Peace Prize Winner, Lech Walesa.

Undecided about a career?



In 7 months you can be a dental or a registered medical assistant!

Call 375-6717

Think about it! We are an accredited private school.



Financial aid available
American Institute of Medical-Dental Technology
Village Center
1575 N. 200 E.
Building 88 Provo, Utah 84604

The Brittany

A great place to live!

- Video Movies • Laundry
- Heated Pool • Study Area
- Sun Deck • Lounge
- Cable TV Hook-up

Spring/Summer \$60 all utilities paid.

Fall/Winter \$90 deposit.

No first and last month's rent.

225 East 500 North

374-9788

2 BLOCKS TO CAMPUS



For BYU students Monday
Sept. 10
at
Classic

Waterslides & Skating

250 S. State, Orem 224-4197

Slide \$1 per person per hour

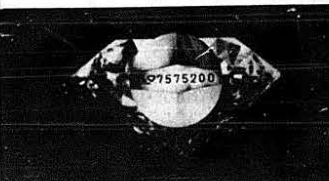
slide open 4 p.m. to 10 p.m.

Skate \$1 per person per session

sessions 4 to 6 p.m. & 7 to 9:30

BYU ID or this coupon required

Until now, only a diamond expert could tell two similar diamonds apart.



LK Ideal Cut Diamonds™ are exquisite. Each one has been cut and polished to bring out all of its natural brilliance and beauty.

And each one has an identification number laser inscribed on its circumference that tells you it's your diamond, no other. Invisible to the naked eye, this laser inscription can be seen under 10X magnification for immediate, positive identification any time.

For those who value beauty — and security — and guaranteed price — we offer LK Ideal Cut Diamonds by Lazare Kaplan. Come in to see our selection soon.

Wilson Diamonds

Now you can, too.

430 N. 900 E., Provo

375-4330

CAMPUS RENTALS

provides student luxury at a "low cost"

T.V. & MICROWAVE

RENTAL by phone 374-9064

(Hours from 12:00 - 7:00)

Cheapest remote control T.V.'s in town!

Delivery • "never been used" appliances • rent to own

Captain Kirk's Summer Specials

Pizza

3181 N. Canyon Rd.
Provo, Utah

377-4833

We'll sell it to you FREE!

(coupon required upon delivery)

DECK SWAB

12", 2 item pizza.

\$6.75

Any drink 20" (quart)

Call 377-4833

SAILORS PRIDE

16", 2 item pizza.

\$7.75

Call 377-4833

LIFESTYLE



All of BYU's dance groups are ready to begin performing early this semester, thanks to a busy summer schedule and early-semester workshops. The performance season will begin with the World of Dance performance Sept. 19-22.

World of Dance starts schedule

By JONETTE UDARBE
Senior Reporter

BYU's Dance Department is preparing itself for a full semester of performances with the upcoming World of Dance production heading the semester's events on Sept. 19-22.

According to Gary Hopkinson, promotional director for the Dance Department, the World of Dance program, now in its 16th year, reflects the best from all performing dance groups.

"The dances that will be performed are top selections from the repertoire of each group," he said. "Constant practicing and performing on summer tours and workshops have prepared students to do

a show.

"Most of our dance groups have been on extensive tours, performing all day, every day, for six weeks," said Hopkinson. "The dances are still fresh to them."

Hopkinson said the World of Dance show is unique because all forms of dance can be seen in the same show.

"Everyone finds something they like. It is a well-rounded form of family entertainment."

The World of Dance program was performed in a condensed version with 10,000 young women in August.

Upcoming dance performances include the Homecoming Spectacular on Oct. 11-13, which will

feature all the dance groups; the Dance Ensemble Concert on Nov. 15 and 16; the Medals Ball on Nov. 17; the Senior Project Showcase on Nov. 29 and 30; and Christmas Around the World on Dec. 6 and 7.

Many dance groups will also be performing outside BYU. The Cougarettes will perform in several football halftime performances. The Folk Dancers will be performing in Denver, and the Dancers Company has a scheduled performance in Salt Lake City. The Ballroom Dance Company will travel to New York City and Montreal, Canada for the United States Ballroom Championships.

The World of Dance program will run Sept. 19-22 in the de Jong Concert Hall HFAC at 8 p.m. Tickets are available at the Music Box Office HFAC.

'Dallas' goes mall-hopping

(UPI) — "Dallas," the hit TV show, is hitting the road, but don't look for J.R. or Sue Ellen to show up at your local dinner theater in the room.

Beginning Wednesday in Dallas and Thursday in Los Angeles, the Dallas Traveling Museum, loaded with memorabilia from the past six seasons of the nighttime soap, will tour shopping malls in 11 cities nationwide.

The gun used to shoot J.R. or the oil painting of family patriarch Jock Ewing, Sue Ellen's wedding dress, a place setting of Miss Ellie's china, J.R.'s boots and hat, and a shooting script autographed by the cast are some of the items in the roadshow.

Video clips of scenes from the series will be shown on giant monitors, and appearances by Ken Kercheval, Charlene Tilton, Howard Keel and other cast members will include question-and-answer sessions with fans.

Soaps attempt to up ratings

HOLLYWOOD (UPI) — Primetime soap operas, trying to up ratings, are adding movie stars to their casts to arouse interest.

Latest to join a soap is Gina Lollobrigida, who will play a recurring role this season in "Falcon Crest," which stars Jane Wyman.

Miss Lollobrigida, who retired from the screen in the early 1970s to pursue a career as a photographer, will make her American television debut in the series in October.



GATSBY'S
Vintage Style for Men and Women

The difference between dressed and well dressed



GET ACQUAINTED COUPON \$8.00
This coupon is worth \$8.00 on a \$25.00 purchase. Coupon expires Sept. 30, 1984. \$8 Coupon good on regular merchandise \$8. UNIVERSITY MALL, OREM

Energy firm hopes Bible will lead to oil in Israel

SALT LAKE CITY (UPI) — A Bible-thumping energy firm, hoping Old Testament prophets will lead to oil in Israel, is finding paper profits from Christian investors flocking to the penny stock market.

The recent popularity of Ford Oil and Development Inc., a Salt Lake City-based company with no capital assets or recent operating history, stems from the "faith of Christian people," said one of its principal investors.

"A guy will stand up and tell about it, and maybe 10 people will respond and invest," said James Groover, president of Messenger III Corp., a major shareholder in Ford Oil.

Messenger III is a Florida-based company that deals in satellite transmission of religious television programs.

Shares of Ford Oil, despite the company's lack of assets, are selling at about 20 times their price of two months ago. Activity is exploding as word travels from church to church that the company's officers will use Biblical teachings to find oil in Israel.

"What we are saying is if there is no oil in Israel, then we don't have a Jesus, do we? If there is no oil, then the word (of the Bible) isn't true, is it?" Groover said.

"We've been getting a lot of calls on it. The interest is really peaking," said Al Summerhays, a local stockbroker. He said the value of the \$2 million outstanding shares has gone from two cents a share in mid-June to about 50 cents a share at the end of August on the penny stock exchange.

Groover said news of the company's divinely inspired ventures has spread by word of mouth between Christians who believe scriptures in the Old Testament reveal where hidden oil reserves lie in the Holy Land.

"A lot of people believe the Bible is real," Groover said. "For most of these people, I would say, this is the first stock they have ever bought."

Jeffrey Wiebe, an officer in Messenger III and a scriptural adviser to the exploration company, said Old Testament passages indicate "abundant natural riches were bestowed on the descendants of Biblical characters, some of whom now inhabit

Saudi Arabia and other oil-rich lands in the Middle East."

He said passages in the Book of Deuteronomy offer clues to the location of oil reserves bestowed on the various "tribes of Israel."

One passage he cited predicts the descendants of a Biblical prophet "shall suck of the abundance of the sea, and of the treasure hidden in the sand."

Wiebe said the original Hebrew word translated in the Bible to mean "suck" describes in its original context an extraction process which he said "very accurately describes the exact process of drilling for oil."

Ford Oil was first organized in Utah in 1981 to explore locally for oil and gas. The company became dormant in 1982 but created what is called a "secondary" market for its stock this summer.

According to documents filed with the Utah Securities Division, Ford Oil signed an agreement with Energy Exploration Inc., which had previously explored for oil reserves in Israel.

Ford agreed to loan Energy Exploration at least \$200,000 to restart its Israeli oil and gas exploration programs and to attempt to provide \$7 million for the financing of drilling and further exploration programs.

Securities officials state the firm has been extremely upfront with potential investors in their public documents filed with the state.

"Management of Ford, based on religious convictions and upon scriptural interpretation, believes oil and gas exploration in Israel will yield discoveries of new oil and gas reserves," the company's registration statement says.

"The management of Ford believes potential oil and gas reserves can be discovered in areas of Biblical prophecy. Therefore, orthodox and tested methods of determining potential oil and gas properties may not be followed."

The registration statement warns potential investors "the likelihood of successful oil and gas exploration based on religious convictions may substantially increase the risks associated with wildcat oil and gas exploration."

"To the best knowledge of management, there are no known oil and gas reserves in Israel."

"This is the place"

Centennial II Apts.

Fall/Winter Rates

only **\$1100** all utilities paid

- Free cable TV
- Paid utilities
- New microwave & Dishwashers
- Near school, shopping, bank, etc.
- Great social life
- Access to pool, laundry, etc. room, etc.

450 N. 1000 E.
Office: 362 N. 1080 E. Provo
Call today 374-8441

CLIMB THE LETTERS TO SUCCESS.

Success is a long way off, but after taking the first step, the second one comes.

At Force ROTC can help you climb that ladder by providing a helping hand during college. It can teach you college years and also help you with some of those school problems of the same time.

You can complete a 4, 5, 6, 7, 8, 9, 10, or 11 year scholarship that pays \$1000 a month for college expenses, while you pick up the tab for all tuition, lab fees and books. The ROTC program has many advantages. Like the ROTC program, you can choose where you qualify for Air Force ROTC training through a screening process and receive a substantial financial incentive. You'll also receive a steady salary, management training, Air Force history and traditions, and much more through ROTC. The program prepares students to take command after graduation and use command based on Air Force officers.

The ROTC goes on. Check it out today. See if you can climb the letters to success and meet challenges and command the commitment. Trust that the Air Force is a great way to serve your country, and that ROTC is a great way to get there from here.

Contact:
Captin Rich Atwater
380 Wells ROTC Bldg.
BYU 378-7718

EST. 1956

The Diamond of Your Choice • In the Setting of Your Choice • At the Price You can Afford

Maybe that's why we've sold more Diamonds than any other Jeweler in Utah County

We have one waiting for you

Bullock and Losee Jewelers

Provo 19 North University 373-1378

A Tradition 80, Over a Quarter Century